

N **Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2016, North Carolina**

Year	Coal	Natural Gas ^a	Petroleum						Hydro-electric Power ^{e,f}	Biomass	Solar ^{f,h}	Retail Electricity Sales	Net Energy ⁱ	Electrical System Energy Losses ^j	Total ^{f,i}		
			Distillate Fuel Oil	HGL ^b	Kerosene	Motor Gasoline ^c	Residual Fuel Oil	Total ^d									
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels														
H C A R O L I N A	1960	408	4	1,156	523	248	206	122	2,255	NA	--	--	NA	2,667	--	--	
	1965	233	7	1,307	829	251	278	120	2,786	NA	--	--	NA	5,360	--	--	
	1970	192	22	1,701	972	239	355	179	3,446	NA	--	--	NA	9,697	--	--	
	1975	259	22	1,426	726	117	414	233	2,917	NA	--	--	NA	11,679	--	--	
	1980	135	26	1,673	921	118	790	491	3,992	NA	--	--	NA	14,258	--	--	
	1985	152	25	2,958	1,033	245	633	322	5,191	NA	--	--	NA	19,163	--	--	
	1990	125	31	2,302	1,384	78	782	223	4,769	24	--	--	(s)	25,516	--	--	
	1995	195	37	2,345	1,893	147	61	185	4,631	15	--	--	(s)	31,104	--	--	
	1996	181	40	2,824	2,166	178	312	220	5,701	13	--	--	(s)	32,563	--	--	
	1997	171	38	2,861	2,156	205	176	169	5,567	16	--	--	(s)	33,344	--	--	
	1998	178	36	2,584	2,057	261	347	114	5,362	13	--	--	(s)	35,720	--	--	
	1999	132	38	2,162	2,080	185	311	100	4,837	10	--	--	(s)	37,202	--	--	
	2000	101	43	2,679	2,250	234	330	113	5,606	10	--	--	(s)	39,067	--	--	
	2001	114	39	3,096	2,316	192	263	128	5,994	2	--	--	(s)	39,895	--	--	
	2002	116	40	1,992	2,158	95	275	74	4,594	8	--	--	(s)	41,451	--	--	
	2003	113	44	2,190	2,381	269	1,163	208	6,212	6	--	--	(s)	41,672	--	--	
	2004	317	45	1,680	2,462	168	1,461	276	6,048	17	--	--	(s)	42,864	--	--	
	2005	137	48	1,669	1,943	162	1,939	229	5,942	18	--	--	(s)	44,161	--	--	
	2006	106	46	1,471	1,901	100	1,604	161	5,237	12	--	--	(s)	44,585	--	--	
	2007	40	45	1,502	1,940	71	1,153	30	4,696	7	--	--	1	46,807	--	--	
	2008	250	49	1,359	2,562	37	1,304	45	5,308	8	--	--	4	46,540	--	--	
	2009	206	51	1,812	1,971	30	1,936	3	5,752	14	--	--	5	46,240	--	--	
	2010	191	56	1,636	2,092	65	983	1	R 4,777	12	--	--	6	47,932	--	--	
	2011	163	50	1,522	1,836	27	379	1	R 3,765	10	--	--	14	46,467	--	--	
	2012	125	49	1,490	1,794	9	362	(s)	R 3,654	11	--	--	38	46,510	--	--	
	2013	134	55	957	1,781	10	319	2	R 3,069	15	--	--	106	46,649	--	--	
	2014	150	60	1,227	2,228	22	352	6	R 3,835	14	--	--	139	47,510	--	--	
	2015	145	55	1,281	2,015	10	R 2,538	1	R 5,845	11	--	--	143	48,236	--	--	
	2016	119	56	1,182	1,739	15	2,709	2	5,647	14	--	--	238	48,604	--	--	
Trillion Btu																	
N O R T H C A R O L I N A	1960	10.1	3.8	6.7	2.0	1.4	1.1	0.8	12.0	NA	0.8	NA	NA	9.1	35.9	22.5	58.4
	1965	5.7	7.5	7.6	3.2	1.4	1.5	0.8	14.4	NA	0.6	NA	NA	18.3	46.5	43.7	90.2
	1970	4.6	22.0	9.9	3.7	1.4	1.9	1.1	18.0	NA	0.4	NA	NA	33.1	78.1	80.0	158.1
	1975	6.1	22.0	8.3	2.8	0.7	2.2	1.5	15.4	NA	0.4	NA	NA	39.8	83.7	95.6	179.3
	1980	3.3	26.5	9.7	3.5	0.7	4.1	3.1	21.2	NA	0.6	NA	NA	48.6	100.2	116.9	217.0
	1985	3.8	25.9	17.2	4.0	1.4	3.3	2.0	27.9	NA	0.7	NA	NA	65.4	123.7	149.8	273.4
	1990	3.2	32.3	13.4	5.3	0.4	4.1	1.4	24.7	0.3	1.3	0.0	(s)	87.1	148.7	197.7	346.3
	1995	4.9	38.6	13.6	7.3	0.8	0.3	1.2	23.2	0.2	2.4	0.0	(s)	106.1	175.4	235.1	410.5
	1996	4.5	41.9	16.4	8.3	1.0	1.6	1.4	28.8	0.1	2.5	0.0	(s)	111.1	188.9	245.7	434.6
	1997	4.3	39.4	16.7	8.3	1.2	0.9	1.1	28.1	0.2	2.4	0.0	(s)	113.8	188.1	243.1	431.2
	1998	4.8	37.9	15.0	7.9	1.5	1.8	0.7	26.9	0.1	2.1	0.0	(s)	121.9	193.7	262.9	456.7
	1999	3.6	39.4	12.6	8.0	1.0	1.6	0.6	23.9	0.1	2.2	0.0	(s)	126.9	196.1	275.2	471.3
	2000	2.7	44.4	15.6	8.6	1.3	1.7	0.7	28.0	0.1	2.4	0.0	(s)	133.3	210.9	290.5	501.5
	2001	2.8	40.2	18.0	8.9	1.1	1.4	0.8	30.2	(s)	1.7	0.0	(s)	136.1	211.1	294.6	505.7
	2002	2.9	41.7	11.6	8.3	0.5	1.4	0.5	22.3	0.1	1.7	0.0	(s)	141.4	210.1	307.6	517.7
	2003	2.9	46.1	12.7	9.1	1.5	6.1	1.3	30.8	0.1	1.8	0.0	(s)	142.2	223.8	306.4	530.3
	2004	7.9	47.0	9.8	9.4	1.0	7.6	1.7	29.5	0.2	1.8	0.0	(s)	146.3	232.6	321.7	554.3
	2005	3.5	49.4	9.7	7.5	0.9	10.1	1.4	29.6	0.2	2.5	0.0	(s)	150.7	235.9	327.4	563.3
	2006	2.7	47.9	8.5	7.3	0.6	8.3	1.0	25.7	0.1	2.3	0.0	(s)	152.1	230.9	330.7	561.5
	2007	1.0	47.0	8.7	7.4	0.4	5.9	0.2	22.7	0.1	2.4	0.0	(s)	159.7	232.9	356.4	589.2
	2008	6.7	50.0	7.9	9.8	0.2	6.7	0.3	24.9	0.1	2.6	0.0	(s)	158.8	243.0	356.7	599.8
	2009	5.5	52.6	10.5	7.6	0.2	9.9	(s)	28.1	0.1	2.4	0.0	(s)	157.8	246.6	349.4	596.0
	2010	5.1	57.2	9.5	8.0	0.4	5.0	(s)	22.8	0.1	2.3	0.0	0.1	163.5	251.2	360.1	611.3
	2011	4.3	50.6	8.8	7.0	0.2	1.9	(s)	R 17.9	0.1	2.3	0.0	0.1	158.5	R 233.9	344.6	R 578.5
	2012	3.3	49.7	8.6	6.9	(s)	1.8	(s)	R 17.4	0.1	2.0	0.0	0.4	158.7	R 231.5	336.5	R 568.1
	2013	3.6	56.1	5.5	6.8	0.1	1.6	(s)	R 14.0	0.1	2.8	0.0	1.0	159.2	R 236.7	319.4	R 556.2
	2014	4.0	61.4	7.1	8.5	0.1	1.8	(s)	R 17.6	0.1	R 3.1	0.0	1.3	162.1	R 249.6	323.3	R 572.9
	2015	3.9	57.1	7.4	7.7	0.1	13.7	(s)	R 28.0	0.1	R 3.1	0.0	1.3	164.6	R 258.1	322.2	R 580.4
	2016	3.1	57.8	6.8	6.7	0.1	13.7	(s)	27.3	0.1	3.2	0.0	2.2	165.8	259.6	322.7	582.3

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Hydrocarbon gas liquids, assumed to be propane only.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

^d Includes small amounts of petroleum coke not shown separately.

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

ⁱ For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^j Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.